



Revision number: 1

Purchasing Agent: Debbie Gundersen

Item: LED CHANGEABLE MESSAGE SIGN

Vendor:31848E Safety Supply & Sign Co.
3200 South Redwood Road
West Valley City UT 84119

Internet Homepage:

Telephone: (801) 973-2266

Fax number: (801) 973-8044

Contact: John R. Jones

Email address:

Brand/trade name: WANCO WTLMB-S-LL(A)

Price: See Attached Price List

Terms:

Effective dates: 02/25/99 through 04/25/01

Days required for delivery: As Needed

Price guarantee period: 1 Year

Minimum order: One

Min shipment without charges: Included in Price

Other conditions:

REVISION #1: EXTENDING THIS CONTRACT UNTIL 04/25/01.

This contract covers only those items listed in the price schedule. It is the responsibility of the agency to ensure that other items purchased are invoiced separately. State agencies will place orders directly with the vendor (creating a PG in Finet) and make payments for the same on a PV referencing the original PG. Agencies will return to the vendor any invoice which reflects incorrect pricing.



Led changeable message sign, solar panels, computer operators interface, mounted on heavy duty towable trailer. Includes delivery \$20,685.00/each

GENERAL SPECIFICATIONS

The message boards are to be new units of current model. The equipment is to meet the following minimum specifications but is not limited as to features furnished by the manufacturer. The equipment is to have all standard features. The equipment is to be delivered assembled, serviced, tested and ready to operate with correct fluids at operating levels and unit to have a full tank of fuel.

The complete units include: LED Portable Changeable Message Board, solar panels, high capacity battery charger, batteries, computer and controls, jacks with crank type swivel, complete lighting to standard highway specifications and heavy duty trailer.

Equipment furnished to the State of Utah must meet current State and Federal safety regulations.

Bid must have a response to each item of the specifications including all options. Use spaces provided and attach additional sheets, as required.

Bid to state terms of warranty or include copy of standard warranties.

Bid response See attached 12 MONTHS ON UNIT, 10 YR. SOLAR PANELS, 2 YEARS ON COMPUTER MASTER.

DETAIL SPECIFICATIONS

Complete Units

Dimensions

- To be approximately 9 ft. high in travel position.
- To be 13 ft. (min.) high in raised position.
- To be approximately 12 ft. long.
- To be 8 ft. wide approximately in travel position.
- To be 9 to 10 ft. wide in display position.

Weight To be 3300 lbs. Approximate operating weight.

Wind

- To be designed for 65 mph towing speed in travel position.
- To withstand wind gusts to 80 mph in display position with all jacks set.

Trailer

- Axle To have single drop axle rated 3,500 lb. (min.).

Tires To have 15 inch, 6 PR, load range C tires.



Brakes	To have hydraulic surge brakes.
Hitch	To have 2" coupler hitch To have heavy duty safety chains with safety hooks. To have four each 2,000 pound capacity jacks with crank type swivels. To have complete lighting to standard highway specifications.
<u>Message Board</u>	
Dimensions	Overall - 72 inch. high X 130 inch. wide x 10 inch. deep approximately.
Characters	To have 3 lines of 8 characters each approximately. Each character displayed in each line is clearly visible from 1000 feet (min.) At night there is an increase in the 1000-foot legibility. Character size to be a minimum of 12-1/2" wide X 18" high. The message board in both night and day conditions, brightness is automatically adjusted according to ambient light conditions. To have full size left or right moving arrow using all three lines, which replaces display message.
Housing	Board to be enclosed in weather tight housing with clear polycarbonate front.
<u>Solar</u>	Minimum of two 100 Watt solar panels which produce 200 watts of solar power. Or approved equal.
<u>Repair</u>	Modules and each character, along with associated control boards are to be identical and easily replaced. The control driver boards are interchangeable with all other column driver boards.
<u>Batteries</u>	The battery bank to have a minimum capacity of 940 Amp-Hours. Eight 6 VDC Deep Cycle batteries to obtain 12 volts. (Minimum)
<u>Charger</u>	To have a built-in charger capable of completely recharging the entire system from a default condition in less than 24 hours.
<u>Sign Controller</u>	
Input	Standard keyboard input. Keyboard designed for weather resistance.
Display	To have LCD display, 4 lines by 20 characters approximately.
Functions	Control of sign display including: Selecting stored standard messages. Creating messages with 64k Program Memory, 4K Ram (min.).



Sequencing messages.

Controlling display time and flashing.

Selecting arrows.

Automatic control of lights.

A password must be entered into the controller by the operator to modify sign message information.

The dot-sign is unaffected by all types of RF interference.
other functions as standard for unit.

OPTION

Remote controls through a cellular phone and remote computer.

Bid response Option price \$2,200.00

DELIVERY

Delivery is to be made within 60 days after receipt of order.

Delivery must include one complete set of replacement filters for each unit delivered. Delivery must include dealer's invoice and copy of warranties. Delivery must also include four complete sets of manuals including: the operator's manual, parts list and shop (repair) manual including wiring diagrams. Cost of these manuals is to be included in bid price.

Invoices will not be approved for payment until all documentation and manuals have been received.

Reports:

The contractor will submit yearly reports to the State Purchasing Agent (Debbie Gundersen) showing quantities and dollar volume of purchases by each agency and political subdivision. This report will be due by 2/25/00.

FINET COMMODITY CODE(S): **FOR AGENCY USE ONLY**

80166000000 - SIGNS, ELECTRONIC DISPLAY (MARQUEE, ETC.)